

PATENT ABSTRACTS OF JAPAN

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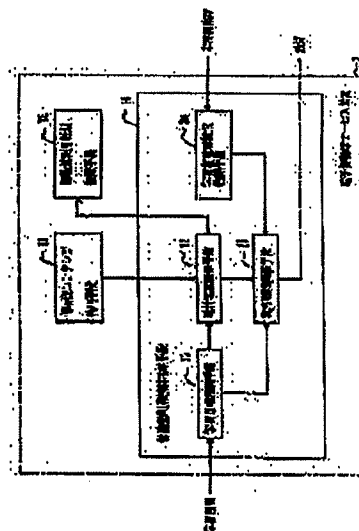
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(54) ELECTRONIC MUSEUM SERVICE DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an electronic museum service device for automatically selecting and displaying a series of museum contents suited to a learning objective.

SOLUTION: This electronic museum service device 2 is composed of a museum content storage means 10 for storing museum content information as a teaching material element, a museum utilization teaching material storage means 14 for storing teaching materials composed of the teaching material element and a museum utilization teaching material retrieval means 12 for retrieving a desired teaching material. The museum utilization teaching material storage means 14 is composed of a learning objective storage means 20 for storing the learning objective relating to the museum contents, a teaching material element storage means 22 for storing the teaching material element in relation to the learning objective, a learner understanding condition storage means 24 for storing the achievement information of learning corresponding to the learning objective and a teacher strategy function means 26 for deciding the teaching material element to be presented next based on the achievement information of the learning.



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Partial Translation of
Japanese Patent Laying-Open No. 9-62651
(Omitted)

[0012]

[Means for Solving the Problem] Fig. 1 is a configuration diagram of the principle of an electronic museum service device of the present invention. Referring to Fig. 1, an electronic museum service device 2 that presents electronic multimedia information such as an image, audio, and text of the present invention includes museum contents storage means 10 for storing museum contents information represented as the multimedia information as a study material element, museum utilization study material storage means 14 for storing study materials based on a combination of the study material elements, and a museum utilization study material search means 12 for searching for a desired study material from the study materials. Museum utilization study material storage means 14 includes learning target storage means 20 for storing a study learning target utilizing the museum contents information, study material element storage means 22 for storing the study material elements in association with the learning target, student understanding status storage means 24 for storing learning achievement information represented as evaluation data corresponding to the learning target, and teaching plan function means 26 for determining the next study material element to be presented based on the learning achievement information.

[0013] According to the electronic museum service device of the present invention, a study material element produced using museum contents information according to a learning target that is a clear specification of a learning target utilizing the museum is presented to the user. Therefore, a series of museum contents information appropriate to the learning target can be automatically displayed without the necessity of the user having to make a selection.

(Omitted)

Reference 1

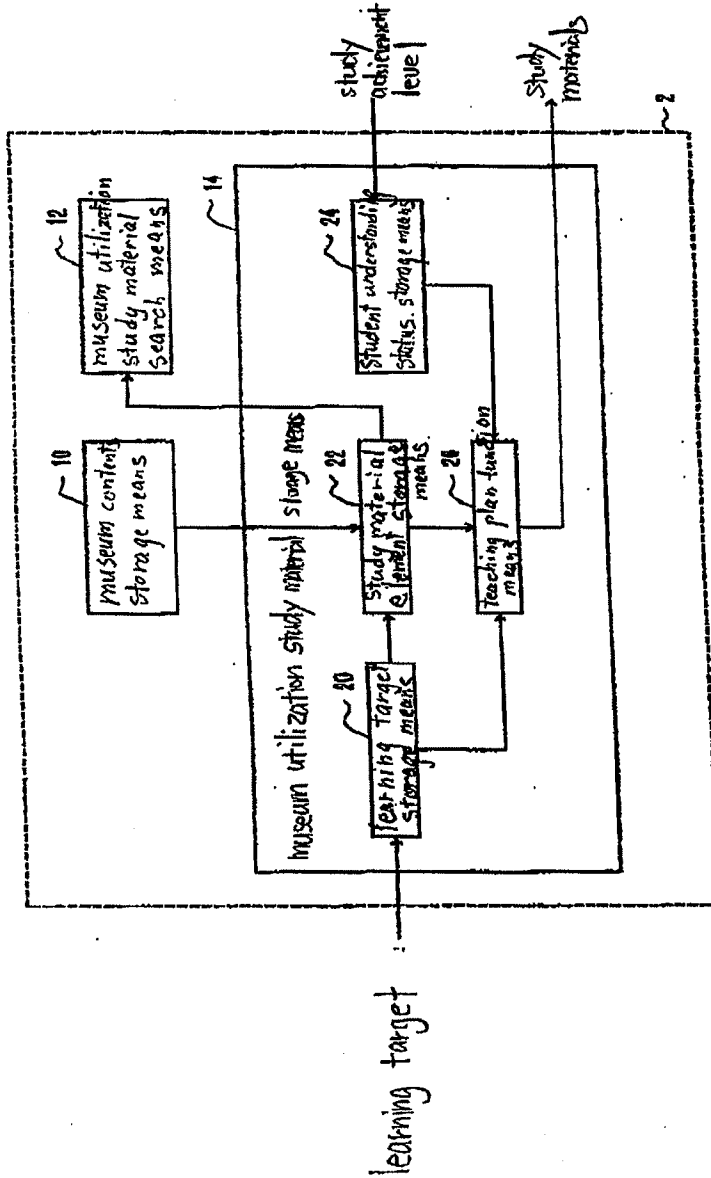
Fig. 1

Configuration diagram of principle of invention

- 10 museum contents storage means
- 12 museum utilization study material search means
- learning target
- museum utilization study material storage means
- 20 learning target storage means
- 22 study material element storage means
- 24 student understanding status storage means
- 26 teaching plan function means
- ← study achievement level
- study materials
- 2 electronic museum service device

本発明の原理構成図

Configuration diagram of principle of invention



(Ref 1)
Fig 1